

01-08-08

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 42390P13635
(maximum 12 characters)

First Named Inventor David L. Hill

Title: Coherency Techniques for Suspending Execution of a Thread Until a Specified Memory Access Occurs

Express Mail Label No. EL867650821US

ADDRESS TO: **Assistant Commissioner for Patents
Box Patent Application
Washington, D. C. 20231**

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. Applicant Claims Small Entity Status. (37 CFR 1.27)
3. Specification (Total Pages 36)
(preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference sequence listing, a table,
or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawings(s) (35 USC 113) (Total Sheets 13)
5. Oath or Declaration (Total Pages 6)
 - a. Newly Executed (Original or Copy)
 - b. Copy from a Prior Application (37 CFR 1.63(d))
(for Continuation/Divisional with Box 18 completed)
 - i. **DELETIONS OF INVENTOR(S)** Signed statement attached deleting
inventor(s) named in the prior application, see 37 CFR 1.63(d)(2)
and 1.33(b).
 - c. Unsigned.
6. Application Data Sheet. (37 CFR 1.76)
7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. **Assignment Papers (cover sheet & documents(s))**
10. a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)
- b. Power of Attorney
11. English Translation Document (if applicable)
12. a. Information Disclosure Statement (IDS)/PTO-1449
- b. Copies of IDS Citations
13. **Preliminary Amendment**
14. **Return Receipt Postcard (MPEP 503) (Should be specifically itemized)**
15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. **Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.**
17. Other: a copy of the postcard with Certificate of Express Mailing.

18A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation Divisional Continuation-in-part (CIP)
Of Prior Application No.: _____ Examiner _____ Group Art Unit _____
(which is a continuation/ divisional/ CIP of prior application no. _____,
which is a continuation/ divisional/ CIP of prior application no. _____) (List entire chain of priority)

Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority.

For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18B. Statement under 37 CFR 3.73(b) for continuing application:

The undersigned states that _____ (name of assignee) is the assignee of the entire right, title, and interest in the accompanying patent application by virtue of an assignment recorded in the Patent and Trademark Office at Reel. No. _____ Frame No. _____ (or a copy of which is attached).

19. Correspondence Address

Customer Number or Bar Code Label _____
or _____ (Insert Customer No. or Attach Bar Code Label here)

Correspondence Address Below

NAME Jeffrey S. Draeger

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

ADDRESS 12400 Wilshire Boulevard

Seventh Floor

CITY Los Angeles STATE California ZIP CODE 90025-1026

Country U.S.A. TELEPHONE (408) 720-8300 FAX (408) 720-9397

Name (PRINT/TYPE): Jeffrey S. Draeger Registration No.: 41,000

Signature: J. S. Draeger Date: 12/51/01

FEE TRANSMITTAL FOR FY 2002TOTAL AMOUNT OF PAYMENT (\$) 1,004.00

Complete if Known:

Application No. To be assignedFiling Date HerewithFirst Named Inventor David L. HillGroup Art Unit To be assignedExaminer Name To be assignedAttorney Docket No. 042390P13635**METHOD OF PAYMENT** (check one)

- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-2666
 Deposit Account Name _____

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed: Check
 Money Order
 Other

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity	Small Entity			
Fee	Fee	Fee	Fee	
Code	(\$)	Code	(\$)	Fee Description
101	740	201	370	Utility application filing fee
106	330	206	165	Design application filing fee
107	510	207	255	Plant filing fee
108	740	208	370	Reissue filing fee
114	160	214	80	Provisional application filing fee
				SUBTOTAL (1) \$ 740.00

2. EXTRA CLAIM FEES

	Extra Claims		Fee from below		Fee Paid
Total Claims	30	- 20** =	10	X 18.00	= 180.00
Independent Claims	4	- 3** =	1	X 84.00	= 84.00
Multiple Dependent					=

**Or number previously paid, if greater; For Reissues, see below.

Large Entity	Small Entity			
Fee	Fee	Fee	Fee	
Code	(\$)	Code	(\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent
				SUBTOTAL (2) \$ 264.00

FEE CALCULATION (continued)

3. ADDITIONAL FEES

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>
<u>Fee Code</u>	<u>Fee Code</u>	<u>Fee (\$)</u>	<u>Fee (\$)</u>
105	130	205	65
127	50	227	25
139	130	139	130
147	2,520	147	2,520
099	8,800	099	8,800
112	920*	112	920*
113	1,840*	113	1,840*
115	110	215	55
116	400	216	200
117	920	217	460
118	1,440	218	720
128	1,960	228	980
119	320	219	160
120	320	220	160
121	280	221	140
138	1,510	138	1,510
140	110	240	55
141	1,280	241	640
142	1,280	242	640
143	460	243	230
144	620	244	310
122	130	122	130
123	50	123	50
126	180	126	180
581	40	581	40
146	740	246	370
148	110	248	55
149	740	249	370
179	740	279	370
169	900	169	900
195	300	195	300
196	300	196	300
194	130	194	130
098	130	098	130
091	1,280	091	1,280
Acceptance of unintentionally delayed claim for priority _____			

Other fee (specify) _____

Other fee (specify) _____

SUBTOTAL (3) \$ 0

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:

Typed or Printed Name: Jeffrey S. Draeger

Signature: [Signature] Date: 12/51/01

Reg. Number: 41,000 Telephone Number: 408-720-8300

EXPRESS MAIL CERTIFICATE OF MAILING

"Express Mail" mailing label number: EL 867650821 US
Date of Deposit: December 31, 2001

I hereby certify that I am causing this paper or fee to
be deposited with the United States Postal Service
"Express Mail Post Office to Addressee" service on
the date indicated above and that this paper or fee
has been addressed to the Assistant Commissioner
for Patents, Washington, D. C. 20231

Connie Willesen

(Typed or printed name of person mailing paper or fee)

Connie Willesen

(Signature of person mailing paper or fee)

12-31-01

(Date signed)

Serial/Patent No.: To be assigned Filing/Issue Date: Herewith
Client: Intel Corporation

Title: Coherency Techniques for Suspending Execution of a Thread
Until a Specified Memory Access Occurs

BSTZ File No.: 42390P13635 Atty/Secty Initials: EHT/JSD/cvw

Date Mailed: 12-31-01 Docket Due Date: _____

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- | | |
|--|--|
| <input type="checkbox"/> Amendment/Response (____ pgs.) | <input checked="" type="checkbox"/> Express Mail No.: <u>EL867650821US</u> <input type="checkbox"/> Check No. _____ |
| <input type="checkbox"/> Appeal Brief (____ pgs.) (in triplicate) | <input type="checkbox"/> _____ Month(s) Extension of Time Amt: _____ |
| <input checked="" type="checkbox"/> Application - Utility (<u>36</u> pgs., with cover and abstract) | <input type="checkbox"/> Information Disclosure Statement & PTO-144 (____ pgs.) <input type="checkbox"/> Check No. _____ |
| <input type="checkbox"/> Application - Rule 1.53(b) Continuation (____ pgs.) | <input type="checkbox"/> Issue Fee Transmittal Amt: _____ |
| <input type="checkbox"/> Application - Rule 1.53(b) Divisional (____ pgs.) | <input type="checkbox"/> Notice of Appeal |
| <input type="checkbox"/> Application - Rule 1.53(b) CIP (____ pgs.) | <input type="checkbox"/> Petition for Extension of Time |
| <input type="checkbox"/> Application - Rule 1.53(d) CPA Transmittal (____ pgs.) | <input type="checkbox"/> Petition for _____ |
| <input type="checkbox"/> Application - Design (____ pgs.) | <input checked="" type="checkbox"/> Postcard |
| <input type="checkbox"/> Application - PCT (____ pgs.) | <input type="checkbox"/> Power of Attorney (____ pgs.) |
| <input type="checkbox"/> Application - Provisional (____ pgs.) | <input type="checkbox"/> Preliminary Amendment (____ pgs.) |
| <input type="checkbox"/> Assignment and Cover Sheet | <input type="checkbox"/> Reply Brief (____ pgs.) |
| <input checked="" type="checkbox"/> Certificate of Mailing | <input type="checkbox"/> Response to Notice of Missing Parts |
| <input checked="" type="checkbox"/> Declaration & POA (<u>6</u> pgs.) (one set) | <input type="checkbox"/> Small Entity Declaration for Indep. Inventor/Small Business |
| <input type="checkbox"/> Disclosure Docs & Qig & Cpy of Invntr's Signed Letter (____ pgs.) | <input checked="" type="checkbox"/> Transmittal Letter, in duplicate |
| <input checked="" type="checkbox"/> Drawings: <u>13</u> # of sheets includes <u>14</u> figures | <input type="checkbox"/> Fee Transmittal, in duplicate |
|
<input checked="" type="checkbox"/> Other: <u>a copy of this postcard with Certificate of Express Mailing.</u> | |